VIRGINIA:

#### BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: EQUITABLE RESOURCES EXPLORATION, a Division of Equitable Resources

Energy Company

RELIEF SOUGHT: POOLING OF INTERESTS IN A

DRILLING UNIT LOCATED IN THE ROARING FORK COALBED METHANE GAS FIELD DESCRIBED IN EXHIBIT A HERETO AND SERVED BY WELL NO. VC-3221 (herein "Subject Drilling Unit") PURSUANT TO \$\$ 45.1-361.21 and 45.1-361.22, CODE OF VIRGINIA, 1950 AS AMENDED, FOR THE PRODUCTION OF OCCLUDED NATURAL GAS PRODUCED FROM COALBEDS AND ROCK STRATA ASSOCIATED THEREWITH (herein "Coalbed Methane Gas"

or "Gas")

LEGAL DESCRIPTION:

SUBJECT DRILLING UNIT SERVED BY WELL NUMBERED VC-3221 (herein "Well") VICC TRACT NO. WI-78, FLAT GAP GLADEVILLE MAGISTERIAL DISTRICT, WISE COUNTY, VIRGINIA (the "Subject Lands" are more particularly described on Exhibit "A", attached hereto and made a part hereof)

VIRGINIA GAS AND OIL BOARD

DOCKET NO. 94-1115-0484

REPORT OF THE BOARD

#### FINDINGS AND ORDER

- Hearing Date and Place: This matter came on for hearing before the Virginia Gas and Oil Board (hereafter "Board") at 9:00 a.m. on December 13, 1994, Ratliff Hall, Southwest Virginia Education 4-H Center, Abingdon, Virginia.
- Appearances: James E. Kaiser of Hunter, Smith & Davis appeared for the Applicant; and Sandra B. Riggs, Assistant Attorney General, was present to advise the Board.
- Jurisdiction and Notice: Pursuant to Va. Code § 45.1-361.1 et seq., the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a meaningful search of reasonably available sources to determine the identity and whereabouts of gas and oil owners, coal owners, mineral owners and potential owners of interests in the Coalbed Methane Gas in all Pennsylvanian Aged coals below the Norton seam to the top of the red and green shales, including, the Hagy, Splashdam, Upper Banner, Lower Banner, Kennedy, Raven, Jawbone, Tiller, Upper Horsepen, Middle Horsepen, War Creek, Beckley, Lower Horsepen, Pocahontas No. 8, Pocahontas No. 4, Pocahontas No. 3, and Pocahontas No. 1, and any other unnamed coal seams, coalbeds and rock strata associated therewith (hereafter "Subject Formations") in the Subject Drilling Unit underlying and comprised of Subject Lands, and (2) has given notice to all

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parties so identified (hereafter sometimes "person(s)" whether referring to individuals, corporations, partnerships, associations, companies, businesses, trusts, joint ventures or other legal entities) entitled by Va. Code §§ 45.1-361.19 and 45.1-361.22, to notice of this application; (3) that the persons set forth in Exhibit B hereto are persons identified by Applicant who may be potential owners of interests in the Coalbed Methane Gas in Subject Formations, in the Subject Drilling Unit underlying and comprised of Subject Lands (herein "Potential Gas Owners"). Further, the Board has caused notice of this hearing to be published as required by Va. Code § 45.1-361.19.B. Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of state due process.

- 4. Amendments: None.
- 5. Dismissals: None.
- 6. Relief Requested: Applicant requests (1) that pursuant to Va. Code § 45.1-361.22, including the applicable portions of Va. Code § 45.1-361.21, the Board pool all the rights, interests and claims in and to the Gas in the Subject Drilling Unit, including those of the known and unknown persons named herein and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, for the drilling and operation, including production, of Coalbed Methane Gas produced from the Subject Drilling Unit established for the Subject Formations underlying and comprised of the Subject Lands, (hereafter sometimes collectively identified and referred to as "well development and/or operation in the Subject Drilling Unit"); and (2) that the Board designate Equitable Resources Exploration as the Unit Operator.
- Relief Granted: The requested relief in this cause be and hereby is granted: (1) pursuant to Va. Code § 45.1-361.21.C.3, Equitable Resources Exploration (hereafter "Unit Operator") is designated as the Unit Operator authorized to drill and operate the Well in the Subject Drilling Unit, subject to: the permit provisions contained in Section 45.1-361.27 et seq., Code of Virginia, 1950 as amended; to § 480-05-22.1 et seq., Gas and Oil Regulations; to § 480-05-22.2 et seq., Virginia Gas and Oil Board Regulations, and to the Virginia Gas and Oil Board's Order entered May 31, 1994, establishing Drilling Units for the Roaring Fork Coalbed Methane Gas Field; all as amended from time to time and all the rights and interests in and to the Gas in the Subject Drilling Unit, including those of the known and unknown persons listed on Exhibit B attached hereto and made a part hereof, and their known and unknown heirs, executors, administrators, devisees, trustees, assigns and successors, both immediate and remote, be and hereby are pooled in the Subject Formations in the Subject Drilling Unit underlying and comprised of the Subject Lands.

Order

Number

VGOB Order

May 31,

dated

1994,

estab-

Units for the

Fork

lishing

Roaring

Coalbed

Methane Gas Field

in VGOB

94-0215-

Docket

No.

0435

Drilling

Permitted Field and Subject Subject Well Classification Well Location Formations Unit Size Roaring Fork Well VC-3221 Approximately All 80.00 acres to be drilled Coalbed Methane Pennsyl-Gas Field vanian Aged at the location depicted on below the Norton seam Exhibit A Depth: 2,340 to the top of the red feet and green shales, including, the Hagy, Splashdam, Upper Banner, Lower Banner, Kennedy, Raven, Jawbone, Tiller, Upper Horsepen, Middle Horsepen, War Creek, Beckley, Lower Horsepen, Pocahontas No. 8, Pocahontas No. 4, Pocahontas No. 3, Pocahontas No. 1, and any other unnamed coal seams, coalbeds, and rock strata associated therewith

For the Subject Drilling Unit underlying and comprised of the Subject Land referred to as:

Subject Unit Served by Well VC-3221 Wise County, Virginia

8. Election and Election Period: In the event any Potential Gas Owner named in Exhibit B has not reached a voluntary agreement to share in the operation of the well to be located in the Subject Drilling Unit at a rate of payment mutually agreed to by said person and the Operator, then, subject to a final legal determination of ownership, such person may elect one of the options set forth in Paragraph 9 below and must give written notice of his election of the option selected under Paragraph 9 herein to the designated Unit Operator at the address shown below within thirty (30) days from the date this Order is recorded in the county above named. A timely election shall be deemed to have been made if, on or before the last day of said 30-day period, such electing person has delivered his written election to the designated Unit Operator at the address shown below or has duly postmarked and placed its written election in first class United States mail, postage prepaid, addressed to the Unit Operator at the address shown below.

- 9. Election Options:
- 9.1 Option 1 To Participate In The Development and Operation of the Drilling Unit: Any Potential Gas Owner named in Exhibit B who has not reached a voluntary agreement with the Operator may elect to participate in the development and operation of the Subject Drilling Unit (hereafter "Participating Operator") by agreeing to pay such Participating Operator's proportionate part of the actual and reasonable costs, including a reasonable supervision fee, of the well development and operation in the Subject Drilling Unit, as more particularly set forth in Virginia Gas and Oil Board Regulation VR 480-05-22.2, Section 10 ("Completed-for-Production Costs"). Further, a Participating Operator agrees to pay his proportionate part of the Estimated, Completed-for-Production Costs set forth below to the Unit Operator within forty-five (45) days from the later of the date of mailing or the date of recording of this Order. The Estimated, Completed-for-Production Costs for the Subject Drilling Unit are as follows:

Estimated, Completed-for-Production Costs - \$181,000.00

A Participating Operator's proportionate cost hereunder shall be the result obtained by multiplying the Participating Operator's percentage Interest Within Unit as set forth in Exhibit B times the costs stated immediately above. Provided, however, that in the event a Participating Operator elects to participate and fails or refuses to pay his proportionate part of the Estimated, Completed-for-Production Costs as set forth above, all within the time set forth herein and in the manner prescribed in Paragraph 8 of this Order, then such Participating Operator shall be deemed to have elected not to participate and, subject to a final legal determination of ownership, to have accepted the cash bonus consideration in lieu of participation pursuant to Paragraph 9.2 hereof.

9.2 Option 2 - Receive a Cash Bonus Consideration from Operator: lieu of participating in the development and operation of the Subject Drilling Unit under Paragraph 9.1 above, any Potential Gas Owner named in Exhibit B who has not reached a voluntary agreement with the Operator may elect to accept a cash bonus consideration of \$5.00 per net mineral acre owned by such person, commencing upon entry of this Order and continuing annually until commencement of production from the Subject Drilling Unit, and thereafter a royalty of 1/8th of 8/8ths [twelve and one-half percent (12.5%)] of the net proceeds received by the Unit Operator for the sale of the Coalbed Methane Gas produced from any well development covered by this Order multiplied by that person's percentage Interest Within Unit as set forth in Exhibit B (for purposes of this Order, net proceeds shall be actual proceeds received less all post-production costs incurred downstream of the wellhead, including, but not limited to, all gathering, compression, treating, transportation and marketing costs, whether performed by Unit Operator or a third person) as fair, reasonable and equitable compensation to be paid to said electing person. The initial cash bonus shall become due and owing when so elected and shall be tendered, paid or escrowed within sixty (60) days of recording of this Order. Thereafter, annual cash bonuses, if any, shall become due and owing on each anniversary of the date of recording of this order in the event production from the Subject Drilling Unit has not theretofore commenced, and once due, shall be tendered, paid or escrowed within sixty (60) days of said anniversary date. Once the initial cash bonus and the annual cash bonuses, if any, are so paid or escrowed, subject to a final legal determination of ownership, said payment(s) shall be satisfaction in full for the right, interests, and claims of such electing person in and to the Gas produced from Subject Formation underlying the Subject Lands, except, however, for the 1/8th royalties due hereunder.

Subject to a final legal determination of ownership, the election made under this Paragraph 9.2, when so made, shall be satisfaction in full for the right, interests and claims of such electing person in any well development and operation covered hereby and such electing person shall be deemed to and hereby does lease and assign his right, interests and claims in and to the Gas produced from Subject Formation in the Subject Drilling Unit to the Unit Operator.

Option 3 - To Share In The Development And Operation As A Non-Participating Person On A Carried Basis And To Receive Consideration In Lieu Of Cash: In lieu of participating in the development and operation of the Subject Drilling Unit under Paragraph 9.1 above and in lieu of receiving the Cash Bonus Consideration under Paragraph 9.2 above, a Potential Gas Owner named in Exhibit B who has not reached a voluntary agreement with the Operator may elect to share in the development and operation of the Subject Drilling Unit on a carried basis (as a "Carried Well Operator") so that the proportionate part of the Completed-for-Production Costs hereby allocable to such Carried Well Operator's interest is charged against such Carried Well Operator's share of production from the Subject Drilling Unit. Such Carried Well Operator's rights, interests, and claims in and to the Gas in the Subject Drilling Unit shall be deemed and hereby are assigned to the Unit Operator until the proceeds from the sale of such Carried Well Operator's share of production from the Subject Drilling Unit (exclusive of any royalty, excess or overriding royalty, or other non-operating or non costbearing burden reserved in any lease, assignment thereof or agreement relating thereto covering such interest) equals three hundred percent (300%) for a leased interest or two hundred percent (200%) for an unleased interest (whichever is applicable) of such Carried Well Operator's share of the Completed-for-Production Costs allocable to the interest of such Carried Well Operator. When the Unit Operator recoups and recovers from such Carried Well Operator's assigned interest the amounts provided for above, then, the assigned interest of such Carried Well Operator shall automatically revert back to such Carried Well Operator, and from and after such reversion, such Carried Well Operator shall be treated as if it had participated initially under Paragraph 9.1 above; and thereafter, such participating person shall be charged with and shall pay his proportionate part of all further costs of such well development.

Subject to a final legal determination of ownership, the election made under this Paragraph 9.4, when so made, shall be satisfaction in full for the rights, interests, and claims of such electing person in any well development and operation covered hereby, and such electing person shall be deemed to have and hereby does assign his rights, interests and claims in the Gas produced from Subject Formations in the Subject Drilling Unit to the Applicant for the period of time during which its interest is carried as above provided prior to its reversion back to such electing person.

B who has not reached a voluntary agreement with the Operator fails to elect within the time, in the manner and in accordance with the terms of this Order one of the alternatives set forth in Paragraph 9 above for which his interest qualifies, then such person shall be deemed to have elected not to participate

in the proposed development and operation of Subject Drilling Unit and shall be deemed, subject to a final legal determination of ownership, to have elected to accept as satisfaction in full for such person's right, interests and claims in and to the Gas, the consideration provided in Paragraph 9.2 above, and shall be deemed to have leased and/or assigned all his right, interests and claims in and to said Gas produced from Subject Formation in Subject Drilling Unit to the Applicant. Persons who fail to properly elect shall be deemed, subject to a final legal determination of ownership, to have accepted the compensation and terms set forth herein at Paragraph 9.2 in satisfaction in full for the rights, interests, and claims of such person to the Gas produced from Subject Formation underlying Subject Lands.

- In the event a person named in 11. Default By Participating Person: Exhibit B elects to participate under Paragraph 9.1, but fails or refuses to pay, to secure the payment or to make an arrangement with the Unit Operator for the payment of such person's proportionate part of the Estimated Completed-for-Production costs as set forth herein, all within the time and in the manner as prescribed in this Order, then such person shall be deemed to have withdrawn his election to participate and shall be deemed to have elected to accept as satisfaction in full for such person's right, interests and claims in and to the Gas the consideration provided in Paragraph 9.2 above for which his interest qualifies depending on the excess burdens attached to such interest. Whereupon, any cash bonus consideration due as a result of such deemed election shall be tendered, paid or escrowed by Unit Operator within sixty (60) days after the last day on which such defaulting person under this Order should have paid his proportionate part of such cost or should have made satisfactory arrangements for the payment thereof. Subject to a final legal determination of ownership, when such cash bonus consideration is paid or escrowed, it shall be satisfaction in full for the right, interests and claims of such person to the Gas underlying Subject Drilling Unit in the Subject Lands covered hereby, except, however, for any 1/8 royalties which would become due pursuant to Paragraph 9.2 hereof.
- 12. Assignment of Interest: In the event a person named in Exhibit B is unable to reach a voluntary agreement to share in the operation of any well contemplated by this Order at a rate of payment agreed to mutually by said Potential Gas Owner and the Operator and said person elects or fails to elect to do other than participate under Paragraph 9.1 above in the development and operation of the well in the Subject Formations in the Subject Drilling Unit, then, subject to a final legal determination of ownership,, such person shall be deemed to have and shall have assigned unto Unit Operator such person's right, interests and claims in and to said well, in the Subject Formations in Subject Drilling Unit, and other share in production to which such person may be entitled by reason of any election or deemed election hereunder in accordance with the provisions of this Order governing said election.
- 13. Unit Operator (or Operator): The Applicant, Equitable Resources Exploration, be and hereby is designated as Unit Operator authorized to drill and operate the well in Subject Formations in the Subject Drilling Unit, all subject to the permit provisions contained in Va. Code §§ 45.1-361.27 et seq., §§ 480-05-22.1 et seq., Gas and Oil Regulations and §§ 480-05-22.2 et seq., Virginia Gas and Oil Board Regulations, and the Virginia Gas and Oil Board's Order entered May 31, 1994, establishing drilling units for the Roaring Fork Coalbed Methane Gas Field in VGOB Docket No. 94-0215-0435, all as amended from time to time. All elections required by this Order shall be communicated to Unit Operator in writing at the address shown below:

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Equitable Resources Exploration
P. O. Box 1983
1989 East Stone Drive
Kingsport, TN 37662
Phone: (615) 224-3800
Fax: (615) 224-3892
Atten: George Heflin, Regulatory

14. Commencement of Operations: Unit Operator shall commence or cause to commence operations for the drilling of any well covered hereby within three hundred and sixty-five (365) days from the date of this Order and shall prosecute the same with due diligence. If Unit Operator shall not have so commenced and/or prosecuted, then this Order shall terminate, except for any cash sums becoming payable hereunder; otherwise, this Order shall expire at 12:00 P.M. on the date on which any well covered by this Order is permanently abandoned and plugged unless sooner terminated by Order of the Board. However, in the event an appeal is taken from this Order, then the time between the filing of the Petition for Appeal and the final Order of the Circuit Court shall be excluded in calculating the one year period referenced to herein.

Upon completion of any Well whose costs comprise part of the estimated completed-for-production costs above and within ninety (90) days after production into the pipeline is obtained and restoration of the location is completed, the Operator shall file with the Board a revised exhibit reflecting the actual Completed-for-Production Costs for the Subject Drilling Unit.

15. Operator's Lien: Unit Operator, in addition to the other rights afforded hereunder, shall have a lien and a right of set off on the Gas rights and interests owned by any person subject hereto who elects to participate under Paragraph 9.1 in the Subject Drilling Unit to the extent that costs incurred in the drilling or operation of the Subject Drilling Unit are a charge against such person's interest. Such liens and right of set off shall be separable as to each separate person and shall remain a lien until the Unit Operator drilling or operating any well covered hereby has been paid the full amounts due under the terms of this Order.

#### 16. Escrow Provisions:

By this Order, the Board instructs the Escrow Agent named herein or any successor named by the Board to establish an interest-bearing escrow account, (herein "the Escrow Account") to receive and account to the Board pursuant to its agreement for the escrowed funds hereafter described:

Tazewell National Bank
Trust Department
c/o Premier Bankshares Corporation
29 College Drive, P. O. Box 1199
Bluefield, VA 24605-1199
Telephone: (703) 322-2242
Fax: (703) 322-2766

16.1 Escrow Provisions For Unknown or Unlocatable Persons: If any payment of bonus, royalty payment or other payment due and owing under this Order cannot be made because the person entitled thereto cannot be located or is unknown, then such cash bonus, royalty payment, or other payment shall not be commingled with any funds of the Unit Operator, and pursuant to Va. Code § 45.1-361.21.D, said sums shall be deposited by the Operator into the Escrow Account, commencing within sixty (60) days of recording of this Order, and continuing thereafter on a monthly basis with each deposit to be made, by use of the report format approved by the Inspector, by a date which is no later than sixty (60) days after the last day of each month being reported and/or for which funds subject to deposit. Such funds shall be held for the exclusive use of, and sole benefit of

the person entitled thereto until such funds can be paid to such person(s) or until the Escrow Agent relinquishes such funds as required by law or pursuant to Order of the Board in accordance with Va. Code § 45.1-361.21.D.

- 16.2 Escrow Provisions For Conflicting Claimants: If any payment of bonus, royalty payment of other payment due and owing under this Order cannot be made because the person entitled thereto cannot be made certain due to conflicting claims of ownership and/or a defect or cloud on the title, then such cash bonus, royalty payment or other payment, together with Participating Operator's Proportionate Costs paid to Operator pursuant to Paragraph 9.1, if any, (1) shall not be commingled with any funds of the Unit Operator; and (2) shall, pursuant to Va. Code §§ 45.1-361.22A.2, 45.1-361.22A.3 and 45.1-361.22.A.4, be deposited by the Operator into the Escrow Account, commencing within sixty (60) days of the recording of this Order, and continuing thereafter on a monthly basis with each deposit to be made, by use of a report format approved by the Inspector, by a date which is no later than sixty (60) days after the last day of each month being reported and/or for which funds are subject to deposit. Such funds shall be held for the exclusive use of, and sole benefit of, the person entitled thereto until such funds can be paid to such person(s) or until the Escrow Agent relinquishes such funds as required by law or pursuant to Order of the Board.
  - 17. Special Findings: The Board specifically and specially finds:
  - 17.1 Applicant is a division of Equitable Resources Energy Company, a corporation duly authorized to transact business in the Commonwealth of Virginia;
  - 17.2 Applicant claims control of oil and gas and coalbed methane gas leasehold estates representing 99.95 percent of the gas and oil estate, and 100 percent of the coal estate for the acreage underlying the Subject Drilling Unit.
  - 17.3 Applicant is an operator in the Commonwealth of Virginia and has satisfied the Board's requirements for operations in Virginia;
  - 17.4 Applicant has proposed the drilling of one (1) well, Well VC-3221, to a depth of 2,340 feet on the Subject Drilling Unit at the location depicted on Exhibit A.
  - 17.5 Respondents are listed on Exhibit "B". Included in Exhibit "B" are the names and last known addresses of each person of record identified by the Applicant as potential owners of interest in the Coalbed Methane Gas in the Subject Drilling Unit underlying and comprised of Subject Lands. Those Potential Gas Owners who have not reached a voluntary agreement to share in the operation of the well represent .05 percent of the gas and oil estate and 0 percent of the coal estate in Subject Drilling Unit.
  - 17.6 The estimated production over the life of the well is 350 million cubic feet.
  - 17.7 Applicant's evidence established that the fair, reasonable and equitable compensation to be paid to any person in lieu of the right to participate in any well covered hereby are those options provided in Paragraph 9 above; and
  - 17.8. A well work permit for Well VC-3221 is currently pending before the Department of Mines, Minerals and Energy.
  - 17.9 The relief requested and granted is just and reasonable, is supported by substantial evidence and will afford each person in the

Subject Drilling Unit the opportunity to recover or receive, without unnecessary expense, each person's just and fair share of the production from the Subject Drilling Unit, subject to a final legal determination of ownership; and the granting of the Application and relief requested therein will ensure to the extent possible at this time the greatest ultimate recovery of coalbed methane gas, prevent or assist in preventing the various types of waste prohibited by statute, and protect or assist in protecting the correlative rights of all persons in the subject common sources of supply in the Subject Lands. Therefore, the Board is entering an Order granting the relief herein set forth.

- 18. Mailing Of Order And Filing Of Affidavit: Applicant or its Attorney shall file an affidavit with the Secretary of the Board within sixty (60) days after the date of receipt of this Order stating that a true and correct copy of said Order was mailed within seven (7) days from the date of receipt of this Order to each person pooled by this Order whose address is known.
- 19. Availability of Unit Records: The Director shall provide all persons not subject to a lease with reasonable access to all records for the Subject Drilling Unit which are submitted by the Unit Operator to said Director and/or his Inspector(s).
- 20. <u>Conclusion</u>: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.
- 21. Effective Date: This Order shall be effective on the date of its execution.

DONE AND EXECUTED this 4/h day of fame, 1995, by a majority of the Virginia Gas and Oil Board Chairman, Beanny R. Wampler

DONE AND PERFORMED this 9th of this Board.

day of January

\_\_, 1995, by Order

Byron Thomas Fulmer
Principal Executive To The Staff
Virginia Gas and Oil Board

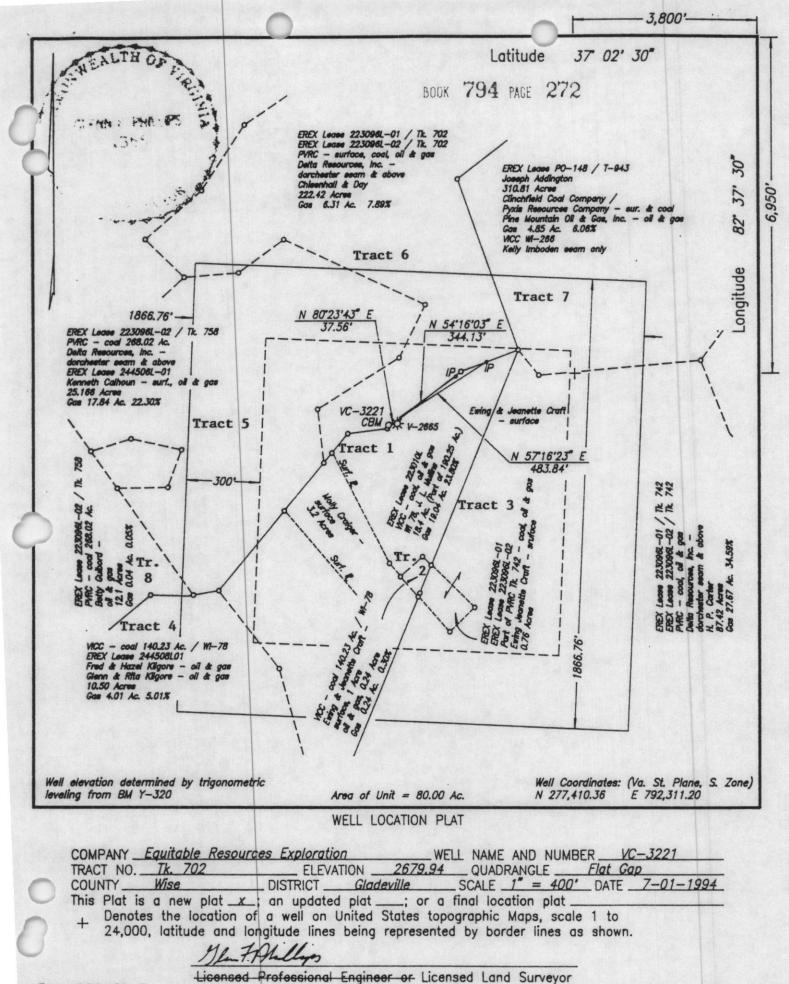
STATE OF VIRGINIA COUNTY OF WISE

Acknowledged on this gto day of farman, 1995, personally before me a notary public in and for the Commonwealth of Virginia, appeared Benny Wampler, being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board, that he executed the same and was authorized to do so.

Susan G. Garrett Notary Public

My commission expires 7/31/98

Acknowledged on this day of
My commission expires 09/30/97
VIRGINIA: In the Clerk's Office of Wise Circuit Court
amount of \$ Recorded in Deed Book 1994 and Page 262
Deputy Cler.



## EXHIBIT "B" VC-3221 VGOB-94/11/15-0484

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TRACT	LESSOR	LEASE STATUS	INTEREST WITHIN UNIT	GROSS ACREAGE IN UNIT				
COAL OWNERSHIP								
1	Virginia Iron, Coal & Coke Co. Attn: R. G. Poindexter P. O. Box 1871 Roanoke, VA 24008	Leased - EREX 223010L WI-78	23.80%	19.04				
2	Virginia Iron, Coal & Coke Co. Attn: R. G. Poindexter P. O. Box 1871 Roanoke, VA 24008	Leased - EREX 223010L WI-78	0.30%	0.24				
3	Penn Virginia Resources Corp. 999 Executive Park Blvd., Suite 300 Kingsport, TN 37660	Leased - EREX 223096L-02 TR 742	34.59%	27.67				
4	Virginia Iron, Coal & Coke Co. Attn: R. G. Poindexter P. O. Box 1871 Roanoke, VA 24008	Leased - EREX 223010L-01 Wi-78	5.01%	4.01				
5	Penn Virginia Resources Corp. 999 Executive Park Blvd., Suite 300 Kingsport, TN 37660	Leased - EREX 223096L-02 TR 758	22.30%	17.84				
6	Penn Virginia Resources Corp. 999 Executive Park Blvd., Suite 300 Kingsport, TN 37660	Leased - EREX 223096L-02 TR 702	7.89%	6.31				
7	Clinchfield Coal Co./ Pyxis Resources Company P. O. Box 5100 Lebanon, VA 24266	Leased - EREX 241490L TR 943	6.06%	4.85				
8	Penn Virginia Resources Corp. 999 Executive Park Blvd., Suite 300 Kingsport, TN 37660	Leased - EREX 223096L-02 TR 758	0.05%	0.04				
	TOTAL		100.00%	80.00				

## EXHIBIT "B" VC-3221

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TRACT	LESSOR	LEASE STATUS	INTEREST WITHIN UNIT	GROSS ACREAGE IN UNIT
	Percentage of Unit Leased Percentage of Unit Unleased		100.00% 0.00%	
	Acreage in Unit Leased Acreage in Unit Unleased			80.00
	OIL AN	D GAS OWNERSHIP		
1	Virginia Iron, Coal & Coke Co. Attn: R. G. Poindexter P. O. Box 1871 Roanoke, VA 24008	Leased - EREX 223010L WI-78	23.80%	19.04
1 <sup>C</sup> 2	Ewing Craft and Jeanette Craft, H/W Route 2 Box 282 Wise, VA 24293	Leased - EREX 244722L-01	0.30%	0.24
3	Penn Virginia Resources Corp. 999 Executive Park Blvd., Suite 300 Kingsport, TN 37660	Leased - EREX 223096L-01 TR 742	34.59%	27.67
1.14	Fred Kilgore & Hazel Kilgore, H/W Glenn Kilgore & Rita Kilgore, H/W Route 2 Box 292 Wise, VA 24293	Leased - EREX 244508L-01	5.01%	4.01
5	Kenneth Calhoun and Barbara Calhoun, H/W Route 2 Box 317 Wise, VA 24293	Leased - EREX 244506L	22.30%	17.84
6	Penn Virginia Resources Corp. 999 Executive Park Blvd., Suite 300 Kingsport, TN 37660	Leased - EREX 223096L-01 TR 702	7.89%	6.31
7	Pine Mountain Oil & Gas, Inc. Attn: Richard Brillhart P. O. Box 4000 Lebanon, VA 24226	Leased - EREX 241490L TR 943	6.06%	4,85

# EXHIBIT "B" VC-3221 VGOB-94/11/15-0484

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TRACT	LESSOR	LEASE STATUS	INTEREST WITHIN UNIT	GROSS ACREAGE IN UNIT
NRC 8	Betty Guibord, Single 10043 NeBula Way	Unleased	0.05%	0.04
	Sacramento, CA 95827-2972			
	TOTAL		100.00%	80.00
	Percentage of Unit Leased		99.95%	
	Percentage of Unit Unleased		0.05%	
	Acreage in Unit Leased			79.96
	Acreage in Unit Unleased			0.04

N.CL.